## **ABSTRACT OF THE DISCLOSURE**

Pharmaceutical compositions for intranasal administration are provided that contain at least one compound of formula (I) or a pharmaceutically acceptable salt thereof:

$$R_1$$
— $N$ — $A$ — $P$ = $O$ 
 $OR_2$ 
 $OR_3$ 
 $OR_3$ 

10

15

5

and one or more pharmaceutically acceptable additives for forming a composition for intranasal administration. Also provided are methods of treating one or more conditions in a mammal associated with a glutamate abnormality that includes administering intranasally to a mammal a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt thereof.